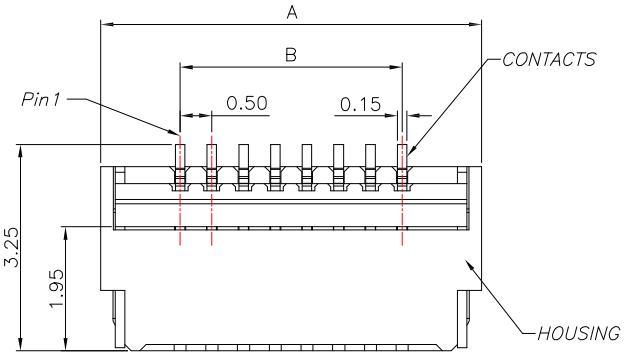
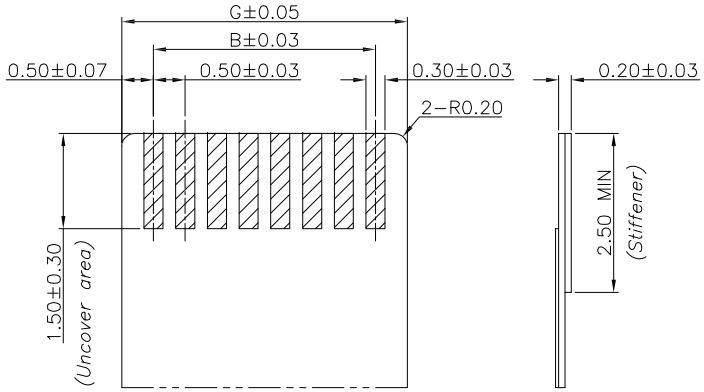
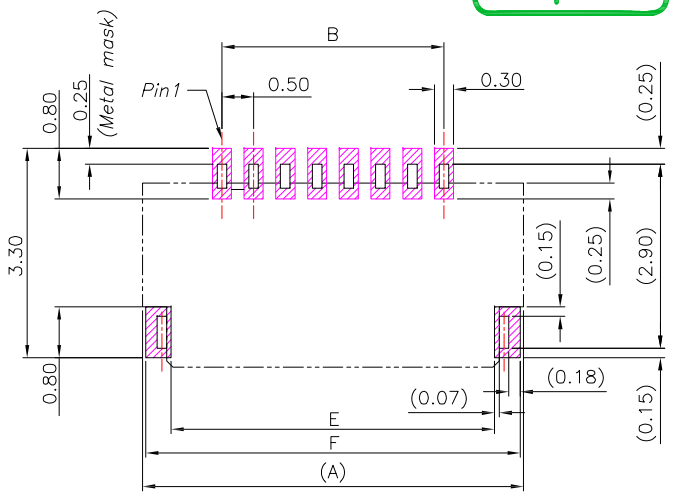
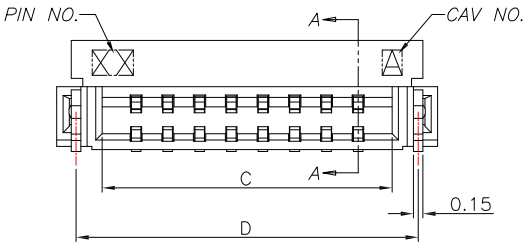


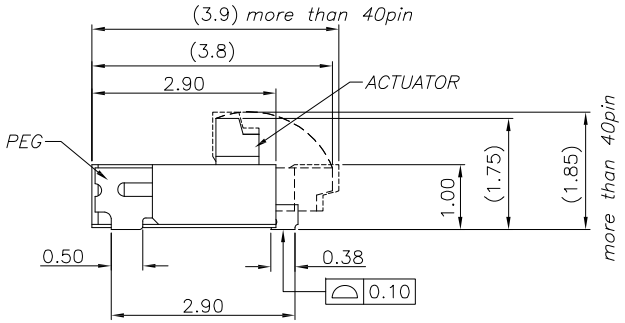




## RECOMMENDED FPC/FFC DIMENSIONS




## RECOMMENDED PCB LAYOUT




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 50 | 27.00 | 24.50 | 25.57 | 26.39 | 26.10 | 26.90 | 25.50 |
| 45 | 24.50 | 22.00 | 23.07 | 23.89 | 23.60 | 24.40 | 23.00 |
| 42 | 23.00 | 20.50 | 21.57 | 22.39 | 22.10 | 22.90 | 21.50 |
| 40 | 22.00 | 19.50 | 20.57 | 21.39 | 21.10 | 21.90 | 20.50 |
| 36 | 20.00 | 17.50 | 18.57 | 19.39 | 19.10 | 19.90 | 18.50 |
| 34 | 19.00 | 16.50 | 17.57 | 18.39 | 18.10 | 18.90 | 17.50 |
| 32 | 18.00 | 15.50 | 16.57 | 17.39 | 17.10 | 17.90 | 16.50 |
| 30 | 17.00 | 14.50 | 15.57 | 16.39 | 16.10 | 16.90 | 15.50 |
| 28 | 16.00 | 13.50 | 14.57 | 15.39 | 15.10 | 15.90 | 14.50 |
| 26 | 15.00 | 12.50 | 13.57 | 14.39 | 14.10 | 14.90 | 13.50 |
| 24 | 14.00 | 11.50 | 12.57 | 13.39 | 13.10 | 13.90 | 12.50 |
| 23 | 13.50 | 11.00 | 12.07 | 12.89 | 12.60 | 13.40 | 12.00 |
| 22 | 13.00 | 10.50 | 11.57 | 12.39 | 12.10 | 12.90 | 11.50 |
| 20 | 12.00 | 9.50 | 10.57 | 11.39 | 11.10 | 11.90 | 10.50 |
| 18 | 11.00 | 8.50 | 9.57 | 10.39 | 10.10 | 10.90 | 9.50 |
| 17 | 10.50 | 8.00 | 9.07 | 9.89 | 9.60 | 10.40 | 9.00 |
| 16 | 10.00 | 7.50 | 8.57 | 9.39 | 9.10 | 9.90 | 8.50 |
| 15 | 9.50 | 7.00 | 8.07 | 8.89 | 8.60 | 9.40 | 8.00 |
| 14 | 9.00 | 6.50 | 7.57 | 8.39 | 8.10 | 8.90 | 7.50 |
| 13 | 8.50 | 6.00 | 7.07 | 7.89 | 7.60 | 8.40 | 7.00 |
| 12 | 8.00 | 5.50 | 6.57 | 7.39 | 7.10 | 7.90 | 6.50 |
| 11 | 7.50 | 5.00 | 6.07 | 6.89 | 6.60 | 7.40 | 6.00 |
| 10 | 7.00 | 4.50 | 5.57 | 6.39 | 6.10 | 6.90 | 5.50 |
| 09 | 6.50 | 4.00 | 5.07 | 5.89 | 5.60 | 6.40 | 5.00 |
| 8 | 6.00 | 3.50 | 4.57 | 5.39 | 5.10 | 5.90 | 4.50 |
| 7 | 5.50 | 3.00 | 4.07 | 4.89 | 4.60 | 5.40 | 4.00 |
| 6 | 5.00 | 2.50 | 3.57 | 4.39 | 4.10 | 4.90 | 3.50 |
| 5 | 4.50 | 2.00 | 3.07 | 3.89 | 3.60 | 4.40 | 3.00 |
| 4 | 4.00 | 1.50 | 2.57 | 3.39 | 3.10 | 3.90 | 2.50 |
| Number of Contacts | DIM A | DIM B | DIM C | DIM D | DIM E | DIM F | DIM G |

## SPECIFICATIONS

Electrical Characteristics:

1.1 Current rating: 0.5A

1.2 Voltage rating: 50V AC

1.3 Operating Temperature range: -55˚C ~ +85˚C

1.4 Operating Humidity range: Relative Humidity 90% Max

1.5 Storage Temperature range: -10˚C ~ +50˚C

1.6 Storage Humidity range: Relative Humidity 90% Max

Material:

1.1 Housing: LCP

1.2 Contact: Phosphor Bronze,Gold Plated

1.3 Peg : Phosphor Bronze,Nickel Plaed

1.4 Actuator: HTN

| ITEM NO. | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| 1 | 更新圖面 | Jack | 080923 |

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED : Up to 5 ±0.2; Above 5 ~ 15 ±0.3; Above 15 ~ 30 ±0.4; Above 30 ~ 50 ±0.5; Angle ±0.3˚

3RD. ANGEL'S | UNITS MM

| | | | |
|---|---|---|---|
| DRAWN BY: Jack Lu | DATE 08/09/23 | MAT'L | |
| CHECKED BY: Jacky Chen | DATE 08/09/23 | FINISH | |
| APPROVED BY: Tony Kao | DATE 08/09/23 | SCALE 1 : 1 | SHEET NO. 1 of 1 |

| | | | |
|---|---|---|---|
| TITLE | CONNECTOR | | |
| MODLE | 0.5mm H:1.0 FPC 後掀式 Cable T:0.2mm | | |
| DWG NO. | FPC05L-10xx-C2-S149 | SIZE | A4 |
| PART NO. | FPC05L-10xx-C2-S149 | VER | R1 |